

ABSTRACT

Within a hard handoff procedure of a mobile terminal from a first radio sector to a second radio sector, a handoff manager requests the allocation of network

5 resources associated with the second radio sector for the
mobile terminal. If the second radio sector does not have
sufficient network resources to support the mobile terminal,
the handoff manager instructs the mobile terminal to switch
into a dormant mode. By doing this, the handoff manager can
10 delay the disconnection of the packet data session until
there is sufficient network resources or until an internal
packet data protocol error occurs due to a request timing
out. In the case that sufficient resources become available,
the handoff manager instructs the mobile terminal to return
15 to a connected mode. One advantage of this procedure is the
reduced need to re-establish a data packet session in cases
that there is a temporary lack of sufficient network
resources during a hard handoff.